

ABSTRACT

The present invention provides a method and a device that utilizes capillarity-mediated, chromatographic transport, for the qualitative or semi-quantitative analysis of selected analytes in liquid samples. The device utilizes an applicator/collection device for collecting and administering the sample to the flow path such that reagent(s) flow through the applicator/collection device, washing the sample into the reaction pathway. The device further utilizes an air gap between the initial location of the reagent and the reaction pathway to funnel the reagent efficiently through the sample so as to collect all or substantially all of the sample and make it available for the reaction(s).